

15:33:30

OCA PAD INITIATION - PROJECT HEADER INFORMATION

06/23/89

Active

Project #: E-20-839 Cost share #:
Center # : 10/31-6-T5214-0A0 Center shr #:

Contract#: TASK ORDER 19/BOA DTD 871109 Mod #:
Prime #:

Rev #: 0
OCA file #: 90
Work type : PUB SER
Document : DO
Contract entity: GTRC

Subprojects ? : N
Main project #:

Project unit: CE Unit code: 02.010.116
Project director(s):
WRIGHT P H CE (404)894-2234

Sponsor/division names: GA DEPT OF TRANSPORTATION /
Sponsor/division codes: 300 / 035

Award period: 890605 to 890930 (performance) 890930 (reports)

Sponsor amount	New this change	Total to date
Contract value	36,721.00	36,721.00
Funded	36,721.00	36,721.00
Cost sharing amount		0.00

Does subcontracting plan apply?: N

Title: SAFETY EFFECTS ON THE 65 MPH SPEED LIMIT AND THE MANDATORY SEAT BELT LAW

PROJECT ADMINISTRATION DATA

OCA contact: Brian J. Lindberg 894-4820

Sponsor technical contact

Sponsor issuing office

PETE MALPHURS

RICK DEAVER

(404)363-7584

(404)363-7584

GA DOT - OFF OF MATERIALS & RESEARCH

GEORGIA DEPARTMENT OF TRANSPORTATION

15 KENNEDY DRIVE

15 KENNEDY DRIVE

FOREST PARK, GEORGIA 30050-2599

FOREST PARK, GEORGIA 30050-2599

Security class (U,C,S,TS) : U

ONR resident rep. is ACO (Y/N): N

Defense priority rating : N/A

N/A supplemental sheet

Equipment title vests with: Sponsor X GIT

HOWEVER, NONE PROPOSED OR ANTICIPATED.

Administrative comments -

INITIATION OF PROJECT E-20-839. TASK ORDER UNDER BOA #90



GEORGE INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 12/14/89
Original Closeout Started *****

Project No. E-20-839 _____ Center No. 10/31-6-T5214-OAO_

Project Director WRIGHT P H _____ School/Lab CE _____

Sponsor GA DEPT OF TRANSPORTATION/ _____

Contract/Grant No. TASK ORDER 19/BOA DTD 871109__ Contract Entity GTRC

Prime Contract No. _____

Title SAFETY EFFECTS ON THE 65 MPH SPEED LIMIT AND THE MANDATORY SEAT BELT LAW_

Effective Completion Date 890930 (Performance) 890930 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	891208
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____
Comments _____		

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	N
GTRC	N
Project File	Y
Other _____	N
_____	N

6-23-89/wr

Georgia Institute of Technology

A UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

ATLANTA, GEORGIA 30332

SCHOOL OF
CIVIL ENGINEERING

TELEX: 542507 GTRC OCA ATL

TELEPHONE
(404) 894-2234 or 2204

July 19, 1989

Georgia Department of Transportation
Attn: Mr. Percy Middlebrooks
15 Kennedy Drive
Forest Park, Ga. 30050

Dear Percy:

Enclosed is a progress report for Research Project No. 8904
covering the period June 5, 1989 to June 30, 1989. If there are questions
about the report, please feel free to contact me.

Sincerely yours,

Paul H. Wright
Project Director

Copy to: Office of Contract Administration

RESEARCH PROJECT PROGRESS REPORT
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Report No. 1 Date: July 18, 1989

Report Period:
from June 5, 1989 to June 30, 1989

Project No. 8904
a. Tech No. E20-839

Project Title Safety Effects of the 65 MPH Limit and
The Mandatory Seat Belt Law

Research Agency(s)

Georgia Institute of Technology
School of Civil Engineering

Starting Date June 5, 1989	Completion Date October 5, 1989	Total Months 4	Time Expended: months, percentage 0.8 months, 20%*
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Funding Source(s)	Funds Authorized	Funds Expended	
	Total	Report Period	Total
GDOT Georgia Office of Highway Safety	\$36,721	None	None

Project Objectives, Status, Progress
Objectives

1. To review and summarize the experience of other jurisdictions with mandatory seat belt laws.
2. To measure the effects of the 65 mph speed limit law on fatal accidents, fatalities, fatal accident rates, and fatality rates.
3. To measure the effects of the 65 mph speed limit law on accident severity as measured by police report injury codes.
4. To measure the effects of the mandatory seat belt law on fatal accidents, fatalities, fatal accident rates and fatality rates.
5. To measure the effects of the mandatory seat belt law on accident severity as measured by police report injury codes.
6. To measure the effects of the 65 mph speed limit law on the numbers and rates of occurrence of accidents.

Status

*Actual notification of Task Order was received by Georgia Tech on June 28, 1989. Little work was accomplished during the reporting period.

Progress This Report Period

Task 1: Researchers met with Georgia Tech Librarian and placed request for TRIS literature search. Researchers began review of research literature on hand.

Task 3: Researchers met twice with GDOT personnel to arrange for obtaining fatal accident data for 1987, 1988.

Task 7: Researchers formulated strategy for accomplishing this task. Researchers met with personnel in Office of Planning, GDOT, to obtain vehicle miles of travel (VMT) data for various functional classes of highways and factors to estimate VMT on a monthly basis.

Work Planned for Next Project Period

The work on Tasks 1, 3, 5, and 7 should be completed during the next report period. Task 1 involves a literature survey of the effects of mandatory seat belt laws, while the other tasks evaluate the safety effects of the 65 mph speed limit.

Georgia Institute of Technology

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ATLANTA, GEORGIA 30332

SCHOOL OF
CIVIL ENGINEERING

TELEX: 542507 GTRC OCA ATL

TELEPHONE
(404) 894-2234

July 11, 1990

Georgia Department of Transportation
Attn: Mr. Rick Deaver
15 Kennedy Drive
Forest Park, GA 30050

Dear Rick:

Enclosed is a progress report for Research Project No. 8904 covering the period January 1, 1990 through June 30, 1990. If there are questions about the report, please feel free to contact me.

Sincerely yours,

Paul H. Wright
Project Director

Enclosure

c: Office of Contract Administration

RESEARCH PROJECT PROGRESS REPORT
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Report No. 3 Date: 7/11/90

Report Period:
from 1/1/90 to 6/30/90

Project No. 8904 Tech Projects 839 and E20-840	Project Title Safety Effects of the 65 MPH Limit and the Mandatory Seat Belt Law
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Research Agency(s)
Georgia Institute of Technology
School of Civil Engineering

Starting Date June 5, 1989	Completion Date Dec. 31, 1990	Total Months 19 months	Time Expended: months, percentage 13 months 68%
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Funding Source(s)	Funds Authorized		Funds Expended	
		Total	Report Period	Total
Georgia Office of Highway Safety	FY 89	\$36,721		
	FY 90	\$43,370		
	Excludes Extension req. 4/10/90		\$18,556.53	\$56,918.14

Project Objectives, Status, Progress

Objectives

To review and summarize the experience of other jurisdictions with mandatory seat belt laws.
To measure the effects of the 65 mph speed limit law on fatal accidents, fatalities, fatal accident rates, and fatality rates.
To measure the effects of the 65 mph speed limit law on accident severity as measured by police report injury codes.
To measure the effects of the mandatory seat belt law on fatal accidents, fatalities, fatal accident rates and fatality rates.
To measure the effects of the mandatory seat belt law on accident severity as measured by police report injury codes.
To measure the effects of the 65 mph speed limit law on the numbers and rates of occurrence of accidents.

Status

At the beginning of this report period, Tasks 1, 3, 5, and 7 which deal mainly with the effects of the 65 mph limit on safety had been virtually completed. The results of that work were reported in a preliminary report submitted December 31, 1989.

Progress This Report Period

Progress on the project during this report period is shown below by task:

- 2: Fatal Study to Measure the Effects of Mandatory Seat Belt Law. This task is virtually complete.
4. Fatal Study to Measure Combined Effects of Speed Limit and Mandatory Seat Belt Law.
6. Accident Severity Study to Measure Combined Effects of Speed Limit and Mandatory Seat Belt Law.
8. Accident Severity Study to Measure Effects of Mandatory Seat Belt Law. Data for these tasks have just become available. The analyses for these tasks will be completed by July 30,

(Continued on next page)

Additional sheets as needed

RESEARCH PROJECT PROGRESS REPORT

Project No. 8904

Continued

Task 9. Study to Measure Effects of Mandatory Seat Belt Law by Speed Limit Categories.
No activity this report period.

Tasks 10, 11, 12. Time Series Analyses. Some errors in 1987 data are being corrected.
Once these corrections are made, these analyses can be completed. This work should be
completed by August 14, 1990.

Task 13. Study of Effects of Weather. This task has been completed.

Tasks 14, 15. No activity this report period.

Work Planned for Next Report Period

All remaining work on this project is to be completed during the next report period. This will include completing the analyses for tasks 4, 6, 8, 9, 10, 11, 12, writing the Interim Report (Task 14) and Final Report (Task 15).

Georgia Institute of Technology

A UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

ATLANTA, GEORGIA 30332

SCHOOL OF
CIVIL ENGINEERING

TELEX: 542507 GTRC OCA ATL

TELEPHONE
(404) 894.

January 16, 1991

Georgia Department of Transportation
Attn: Mr. Rick Deaver
15 Kennedy Drive
Forest Park, GA 30050 FAX NO. 363-7684

Dear Rick:

Here is the progress report for Research Project No. 8904 covering the period July 1, 1990 to December 31, 1990. If there are questions about the report, please feel free to contact me.

Sincerely yours,

Paul H. Wright
Project Director

c: Office of Contract Administration

RESEARCH PROJECT PROGRESS REPORT
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Report No. 4 Date: 1/15/91

Report Period:
from 7/1/90 to 12/31/91

Project No. 8904
Projects E20-839,
0-840, & E20-612

Project Title Safety Effects of the 65 PHP Limit and the Mandatory
Seat Belt Law

Research Agency(s)

Georgia Institute of Technology
School of Civil Engineering

Starting Date	Completion Date	Total Months	Time Expended: months, percentage	
June 5, 1989	Dec. 31, 1990	19 months	19 months	100%
Funding Source(s)	Funds Authorized		Funds Expended	
	Total		Report Period	Total
GDOT Georgia Office of Highway Safety	E20-839 FY89	\$36,721	None	\$25,818.63
	E20-840 FY90	\$43,370	\$11,484.11	\$43,370.
	E20-612 Ext.	\$26,787	\$26,228.70	\$26,228.70

Project Objectives, Status, Progress

Objectives

1. To review and summarize the experience of other jurisdictions with mandatory seat belt laws
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3. To measure the effects of the 65 mph limit on on accident severity as measured by police report injury codes.
4. To measure the effects of the mandatory seat belt law on fatal accidents, fatalities, fatal accident rates and fatality rates.
5. To measure the effects of the mandatory seat belt law on accident severity as measured by police report injury codes.
6. To measure the effects of the 65 mph speed limit on the numbers and rates of occurrence of accidents.

Status

The draft final report was submitted to the sponsor on November 21, 1990. A no-cost time extension was requested to March 15, 1991 to allow time for revision. Work is currently underway to revise the final report.

Progress This Report Period

Work during this report period concentrated mainly on the evaluation of the effects of the mandatory seat belt law (Tasks 2,4,6,8), the completion of the time-series analyses (Tasks 10, 11), and writing the draft final report.

During the review of the draft final report, errors in the vehicle-miles of travel (VMT) data were discovered which will necessitate repeating the analyses for those parts of the project in which VMT was used as a variable. Corrected data has been requested from the Office of Data Planning Services, and work is proceeding with these analyses.